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PROCEEDINGS
OF THE
ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.

VOL. II. JAN. AND FEB., 1845. No. 7.

Stated Meeting, January 7, 1845.

VICE PRESIDENT MORTON in the Chair.

Mr. Haldeman presented a communication from Dr. Mel-sheimer, containing additional descriptions of N. American Coleoptera, which was referred to the committee on his former papers.

A communication was read from the Librarian of Congress, returning acknowledgements for a copy of the Catalogue of the Library of the Academy.

A communication from the Corresponding Secretary of the Georgia Historical Society, dated Savannah, Dec. 16, 1844, acknowledging the receipt from the Academy, of a copy of Harlan's Medical and Physical Researches.

Stated Meeting, January 14, 1845.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO MUSEUM.

Two specimens, (male and female,) with a number of the eggs, of *Coluber melanoleuca?* from S. Carolina. From Dr. William Blanding.

Mounted specimen of *Mephitis Americana*, Desm. From Mr. Wm. S. Wood, of Philadelphia.

DONATIONS TO LIBRARY.

Report of the Secretary of the Navy, communicating the report of a board of examiners to make experimental trials of plans and inventions for preventing explosions of steam boilers. From Prof. Johnson.

A report to the Navy Department of the U. S., on American coals applicable to steam navigation and to other purposes. By Walter R. Johnson. pp. 607. Washington, 1844. From the Author.

A communication from the American Philosophical Society was read, dated Dec. 6, 1844, acknowledging the receipt of No. 5, Vol. 2, of the Proceedings.

Mr. Haldeman exhibited specimens of the male and female, and of the larva and pupa of *Corydalus cornutus*, and made some remarks upon its habits and structure. The larva is aquatic, but leaves the water and constructs a cavity beneath a stone, in which it changes. The prothorax is much larger in the larva than in the pupa and imago. The mandibles and labrum are prominent at all stages; the antennæ very small in the larva, and situated at the external base of the mandibles. The male of the perfect insect is known by the large arcuate mandibles, and both sexes present the remarkable peculiarity of a vertical perforation through the head, at the anterior base of the antennæ.

Stated Meeting, January 21, 1845.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO LIBRARY.

Proceedings of the American Philosophical Society, Vol. 4, No. 31, July to Dec. 1844. From the Society.

Esquisse d'une histoire de la Philosophie Chinoise : par G. Pauthier. From the Author, through Mr. R. K. Haight.